

ABSTRACT

A non-aqueous electrolyte secondary battery employing a positive electrode active material containing a compound represented by the general formula $\text{Li}_x\text{M}_y\text{PO}_4$, where $0 < x \leq 2$ and $0.8 \leq y \leq 1.2$, with M containing a 3d transition metal, where $\text{Li}_x\text{M}_y\text{PO}_4$ encompasses that with the grain size not larger than $10 \mu\text{m}$. The non-aqueous electrolyte secondary battery has superior cyclic characteristics and a high capacity.